

Power Cost Memorandum Fuel Cost Update

Date: **August 16, 2021**

Utility Name (Cert. No.) Nunam Iqua Electric Co. (408)	Utility File No. PC61-0419F	Date Filed: June 24, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC61-0419E	Staff Recommended Amount(s) and Effective Date PC61-0419F
Class Rate	<u>Date Approved:</u> August 6, 2021	August 6, 2021
Residential	\$0.00	\$0.1968
Community Facilities	\$0.00	\$0.1968
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$2.6955</u>	New Fuel Purchase Price: \$ 2.6955
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: <u>n/a</u>	Surcharge Change: Previous <u>0.1698</u> Updated <u>0.2076</u>

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	15,321	X	2.6955	=	41,297.76
Delivered	-	X	-	=	-
	<u>15,321</u>				<u>\$ 41,297.76</u>
					Weighted Average <u>\$ 2.6955</u>

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Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 8/16/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		RMP		
Kurber		<i>Kurber</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson	8/17/2021	<i>Wilson</i> Wilson		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Nunam Iqua Electric Co., f/k/a Sheldon Point

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2018
Fuel Cost Update

	PC61-0419E		PC61-0419F
	Prior Commission Approval	Per Utility	Staff Recommended
A. Total kWh Generated	773,081	773,081	773,081
B. Total kWh Sold (Appendix 2)	713,230	713,230	713,230
C. Total Non-Fuel Costs (Appendix 2)	126,273	126,273	126,273
D. Non-Fuel Cost/kWh (C / B)	\$0.1770	\$0.1770	\$0.1770
E. Total Fuel Costs (Appendix 2)	164,390	164,390	164,390
F. Fuel Costs/kWh (E / B)	\$0.2305	\$0.2305	\$0.2305
G. Eligible Costs/kWh (D + F)	\$0.4075	\$0.4075	\$0.4075
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.2072	\$0.2072	\$0.2072
I. Lesser of (H) or 79.97 cents/kWh	\$0.2072	\$0.2072	\$0.2072
J. Average Class Rates (Appendix 3)			
Residential	\$0.2393	\$0.2393	\$0.2393
Community Facilities	\$0.2393	\$0.2393	\$0.2393
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.1968	\$0.1968	\$0.1968
Community Facilities	\$0.1968	\$0.1968	\$0.1968
L. Funding Level in Effect	0%	100%	100%
Residential	\$0.0000	\$0.1968	\$0.1968
Community Facilities	\$0.0000	\$0.1968	\$0.1968

Order U-21-019(5) vacates Order U-21-019(3) and Order U-21-019(4) which had made the PCE amount to 00.00.

PC61-0419F
Appendix 1

Nunam Iqua Electric Co., f/k/a Sheldon Point

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2018

Fuel Cost Update

	PC61-0419E	PC61-0419F	
	Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:			
A. Personnel Costs	64,943	64,943	64,943
B. Operating Expenses	12,893	12,893	12,893
C. General & Administrative	37,023	37,023	37,023
D. Depreciation	11,414	11,414	11,414
E. Interest Expense	-	-	-
F. Other (Describe)	-	-	-
G. Total Non-Fuel Costs	\$126,273	\$126,273	\$126,273
Fuel Costs:			
H. Gallons Consumed for Electric Generation	60,987	60,987	60,987
I. Price of Fuel: (per gal) Weighted Average	\$2.6955	\$2.6955	\$2.6955
J. Total Cost of Fuel (H x I)	\$164,390	\$164,390	\$164,390
K. kWh Generated	773,081	773,081	773,081
L. kWh Sales	713,230	713,230	713,230
M. kWh Station Service	29,314	29,314	29,314
N. Efficiency \geq <u>Standard</u> 11.50 (kWhs generated per gallons consumed)	12.68	12.68	12.68
O. Line Loss \leq 12% (kWh Generated - (kWh Sold + Station Service))/kWh Generated	3.95%	3.95%	3.95%

Signature: 

Email: antony.scott@alaska.gov

PC61-0419F

Signature: Daniel Sullivan
Daniel Sullivan (Aug 17, 2021 06:25 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Aug 17, 2021 09:20 AKDT)

Email: janis.wilson@alaska.gov

Signature: Keith Kurber II
Keith Kurber II (Aug 16, 2021 12:55 AKDT)

Email: keith.kurber@alaska.gov

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

CC: \$ 6.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.2200	0.2076	0.4276	219.80	0.4396	0.2393
500				219.80	0.4396	0.2393
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0						
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0.00						
TOTAL (A)						(E)

Computation of Community Facilities Average Rate

Rate Schedule:

CC: \$ 6.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)+ CC/500	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to ∞	0.2200	0.2076	0.4396	0.2393
Next to				
Next to				
Next to				
Next to				